- (2)(i) Have earned a bachelor's degree in respiratory therapy or cardiovascular technology from an accredited institution; and
- (ii) Have at least one year of laboratory training or experience, or both, in blood gas analysis; or
- (3)(i) Have earned an associate degree related to pulmonary function from an accredited institution; and
- (ii) Have at least two years of training or experience, or both in blood gas analysis.
- (e) The general supervisor requirement is met in histopathology, oral pathology, dermatopathology, and ophthalmic pathology because all tests and examinations, must be performed:
- (1) In histopathology, by an individual who is qualified as a technical supervisor under §§ 493.1449(b) or 493.1449(l)(1);
- (2) In dermatopathology, by an individual who is qualified as a technical supervisor under §§ 493.1449(b) or 493.1449(l) or (2);
- (3) In ophthalmic pathology, by an individual who is qualified as a technical supervisor under §§ 493.1449(b) or 493.1449(1)(3); and
- (4) In oral pathology, by an individual who is qualified as a technical supervisor under §§ 493.1449(b) or 493.1449(m).

[57 FR 7172, Feb. 28, 1992, as amended at 58 FR 5235, Jan. 19, 1993; 58 FR 39155, July 22, 1993; 60 FR 20049, Apr. 24, 1995]

## § 493.1462 General supervisor qualifications on or before February 28,

To qualify as a general supervisor under §493.1461(c)(3), an individual must have met or could have met the following qualifications as they were in effect on or before February 28, 1992.

- (a) Each supervisor possesses a current license as a laboratory supervisor issued by the State, if such licensing exists; and
  - (b) The laboratory supervisor-
- (1) Who qualifies as a laboratory director under §493.1406(b)(1), (2), (4), or (5) is also qualified as a general supervisor; therefore, depending upon the size and functions of the laboratory, the laboratory director may also serve as the laboratory supervisor; or

- (2)(i) Is a physician or has earned a doctoral degree from an accredited institution with a major in one of the chemical, physical, or biological sciences: and
- (ii) Subsequent to graduation, has had at least 2 years of experience in one of the laboratory specialties in a laboratory; or
- (3)(i) Holds a master's degree from an accredited institution with a major in one of the chemical, physical, or biological sciences; and
- (ii) Subsequent to graduation has had at least 4 years of pertinent full-time laboratory experience of which not less than 2 years have been spent working in the designated specialty in a laboratory; or
- (4)(i) Is qualified as a laboratory technologist under §493.1491; and
- (ii) After qualifying as a laboratory technologist, has had at least 6 years of pertinent full-time laboratory experience of which not less than 2 years have been spent working in the designated laboratory specialty in a laboratory; or
- (5) With respect to individuals first qualifying before July 1, 1971, has had at least 15 years of pertinent full-time laboratory experience before January 1, 1968; this required experience may be met by the substitution of education for experience.

[58 FR 39155, July 22, 1993]

## § 493.1463 Standard: General supervisor responsibilities.

The general supervisor is responsible for day-to-day supervision or oversight of the laboratory operation and personnel performing testing and reporting test results.

- (a) The general supervisor—(1) Must be accessible to testing personnel at all times testing is performed to provide on-site, telephone or electronic consultation to resolve technical problems in accordance with policies and procedures established either by the laboratory director or technical supervisor;
- (2) Is responsible for providing dayto-day supervision of high complexity test performance by a testing personnel qualified under §493.1489;
- (3) Except as specified in paragraph (c) of this section, must be onsite to provide direct supervision when high